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L3 ANSWER 1 OF 5 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
ACCESSION NUMBER: 1987:481672 BIOSIS
DOCUMENT NUMBER: PREV198784116315; BA84:116315
TITLE: DYNAMICS OF CARDIAC MUSCLE ANALYSIS OF ISOTONIC ISOMETRIC AND ISOCHRONAL CURVES.
AUTHOR(S): NWASOKWA O N [Reprint author]
CORPORATE SOURCE: DIV CARDIOL, HARRIS CHASANOFF HEART INST, ROOM 2135, LONG ISLAND JEWISH MED CENT, NEW HYDE PARK, NY 11042, USA
SOURCE: American Journal of Physiology, (1987) Vol. 253, No. 3 PART 2, pp. H645-H653.
CODEN: AJPHAP. ISSN: 0002-9513.
DOCUMENT TYPE: Article
FILE SEGMENT: BA
LANGUAGE: ENGLISH
ENTRY DATE: Entered STN: 17 Nov 1987
Last Updated on STN: 17 Nov 1987

AB Canine papillary muscle force-length-time relation (F-L-t) was investigated under pentobarbital sodium anesthesia. The time intervals taken from end diastole to any point (P) on the force-length plane was determined for isometric (t1) and isotonic (t2) systole and corrected for excitation-contraction coupling duration. The ratio t1/t2, designated km, was approximately constant for widely scattered positions of P chosen systematically. The km in the 10 dogs ranged from 0.36 to 0.94 with means ± SD of 0.66 ± 0.16; km correlated negatively with muscle average cross-sectional area (r = -0.82; P < 0.005). Assuming constancy of km, a general relationship was derived between (.vdelta.F/.vdelta.t)Lt1, the rate of isometric force development at P; (.vdelta.L/.vdelta.t)Ft2, the velocity of isotonic shortening at P; (.vdelta.F/.vdelta.L)t(t1,t2), the stiffness; and (.vdelta.L/.vdelta.F)tt1,t2), the compliance of the myocardium (all taken at P) as follows (.vdelta.F/.vdelta.L)tt1t2 =

SOURCE: Journal of Magnetism and Magnetic Materials (1998), 182(1-2), 161-171
CODEN: JMMMDC; ISSN: 0304-8853
PUBLISHER: Elsevier Science B.V.
DOCUMENT TYPE: Journal
LANGUAGE: English
AB Magnetic properties of CeNiC2, PrNiC2, NdNiC2 and SmNiC2 compds. were studied by magnetization measurement on the single-crystalline samples. CeNiC2 is a antiferromagnet of TN = 19.8 K with a moment direction parallel to the a-axis. Two order-order transitions appear at 2.2 and 10.0 K. In a magnetization curve at 1.5 K of a Van Vleck paramagnet PrNiC2, there appear two anomalous increases at 17.5 and 140 kOe. NdNiC2 is also a antiferromagnet of TN = 17.2 K with a moment of 2.45 μB parallel to the a-axis. There appears an order-order transition at 4.0 K. The magnetic structure is **transformed** directly into ferromagnetic one by a field of 38 kOe at 4.2 K. SmNiC2 is a novel ferromagnet of TC = 17.5 K with a moment of 0.32 μB parallel to the a-axis. Besides the ferromagnetic transition is of 1st order. There appears three anomalous changes in the magnetizations at **Tt1** = 4.3 K, Tt2 = 13.0 K and Tt3 = 25.0 K. The susceptibilities around 300 K presumably stand for a valence fluctuation of Sm ions.
REFERENCE COUNT: 15 THERE ARE 15 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

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ACCESSION NUMBER: 97:60814 AGRICOLA
DOCUMENT NUMBER: IND20585830
TITLE: Analysis of Arabidopsis mutants deficient in **flavonoid** biosynthesis.
AUTHOR(S): Shirley, B.W.; Kubasek, W.L.; Storz, G.; Bruggemann, E.; Koornneef, M.; Ausubel, F.M.; Goodman, H.M.
CORPORATE SOURCE: Virginia Polytechnic Institute and State University, Blacksburg, VA.
SOURCE: The Plant journal : for cell and molecular biology, Nov 1995. Vol. 8, No. 5. p. 659-671
Publisher: Oxford : Blackwell Scientific Publishers and BIOS Scientific Publishers in association with the Society for Experimental Biology, c1991-
ISSN: 0960-7412
NOTE: Includes references
PUB. COUNTRY: England; United Kingdom
DOCUMENT TYPE: Article
FILE SEGMENT: Non-U.S. Imprint other than FAO
LANGUAGE: English

L5 ANSWER 2 OF 6 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
ACCESSION NUMBER: 2003:132013 BIOSIS
DOCUMENT NUMBER: PREV200300132013
TITLE: Characterisation of transparent testa mutations in an En-1 tagged Arabidopsis thaliana population.
AUTHOR(S): Sagasser, Martin [Reprint Author]; Hahlbrock, Klaus

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Search Results -

Terms	Documents
L1 and plant and (antisense or sense)	28

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L3	L1 and plant	63	L3
L2	L1 and flavonoid	7	L2
L1	tt1	1046	L1

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